



## Workshop "Development of offshore grid in the Baltic/North Sea area"

Organised and chaired by Mr G. Adamowitsch, European Coordinator

17 March 2009 15:00 – 18:00, Palais des Arts, room Gyptis



EWEC 2009, 16-19 March 2009, Marseille (Parc Chanot) - [www.ewec2009.info](http://www.ewec2009.info)

### DESCRIPTION

The development of offshore wind power generation in Europe will play an essential role for meeting the binding 2020 climate protection targets - including increasing the share of renewable energy to 20% by 2020. In order to fulfil its potential of 50GW by 2020, and 100-150GW in the long-term, the integration of offshore wind power in the Baltic and North Sea area needs to progress substantially.

Mr G. Adamowitsch was appointed in September 2007 as European Coordinator for the "Connection to offshore wind power in Northern Europe (North Sea – Baltic Sea)" and published his first annual report in September 2008. In carrying out his work, he set up a Working Group for offshore and onshore grid development in Northern Europe (North Sea, Baltic Sea).

The results presented are based on the analysis of the "Working group for Offshore/onshore grid development", and highlight the:

- TSO-based planning of the three-legged interconnector for Kriegers Flak;
- TSO-based modular design of a North Sea Grid;
- Need to progress from national to regional/European solutions including a "To do list" for technical standardisation;

A major effort is dedicated to raising awareness for coordinated actions such as a coalition for "50 GW Offshore – NOW!"

### PROGRAMME

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| <b>15:00 – 15:10</b> | <b>Introduction</b> by Mr G. Adamowitsch, European Coordinator   |
| <b>15:10 – 15:20</b> | <b>Development of the offshore grid in the Baltic/North Sea area</b> (resume of his first annual report), Mr G. Adamowitsch, European Coordinator  |
| <b>15:20 – 15:40</b> | <b>First European Offshore Grid at the Baltic Sea - Kriegers Flak: Techniques, Economics and Challenges</b> , joint presentation by Mr. Rüdiger Reinisch, (Vattenfall Europe Transmission GmbH), Ms Antje Orths (Energinet.dk) and Mr Ulf Moberg (Svenska Kraftnätt) as Rapporteurs of the Working Group for offshore/onshore grid development in Northern Europe (North Sea, Baltic Sea)<br><br>Followed by a 10 min question session |
| <b>15:50 – 16:10</b> | <b>Modular design for the development of the offshore/onshore grid in the North Sea</b> , Mr Kjartan Hauglum (Statnett SF) as Rapporteur of the Working Group for offshore/onshore grid development in Northern Europe (North Sea, Baltic Sea)<br><br>Followed by a 10 min question session  |
| <b>16:20 – 16:30</b> | <b>Financing renewables and transmission infrastructure projects</b> , Ms Paola Bresesti, European Investment Bank   |
| <b>16:30 – 17:30</b> | <b>Short intervention session</b><br><b>Open discussion</b>  |
| <b>17:30 – 18:00</b> | <b>Conclusions</b> by Mr Adamowitsch, European Coordinator   |